

IN THE CLAIMS

1 (Currently Amended). The method of claim 40 further ~~A method for a client platform coupled to a server platform via a network~~, comprising:

 determining that an input/output operation related to an input/output device happens during execution of an application on a virtual machine of the client platform; and

 requesting the server platform via the network to handle the input/output operation through a client network interface of the client platform, wherein the request comprises a device module identifier to identify a device module from a plurality of device modules in the server platform to handle the input/output operation, wherein the device module is a virtual device corresponding to the input/output device.

2 (Previously Presented). The method of claim 1, wherein the request comprises a server platform identifier to identify the server platform.

Claim 3 (Canceled).

4 (Previously Presented). The method of claim 1, further comprising:
 receiving a feedback for the input/output operation from the server platform through the network, the feedback comprising a virtual machine identifier to identify the virtual machine in the client platform that is executing the input/output operation; and

 sending the feedback to the virtual machine identified by the virtual machine identifier.

5 (Previously Presented). The method of claim 1, further comprising:
 receiving via the network an interrupt instruction issued by a device module of the server platform, the interrupt instruction comprising a virtual machine identifier to identify a virtual machine to perform the interrupt instruction; and

 injecting the interrupt instruction into the virtual machine identified by the virtual machine identifier.

6 (Currently Amended). The [[A]] tangible computer-readable medium of claim 41
further comprising a plurality of instructions which when executed result in a client platform:

 determining that an input/output operation related to an input/output device happens
during execution of an application on a virtual machine of the client platform; and

 requesting the server platform via the network to handle the input/output operation
through a client network interface of the client platform, wherein the request comprises a device
module identifier to identify a device module from a plurality of device modules in the server
platform to handle the input/output operation, wherein the device module is a virtual device
corresponding to the input/output device.

7 (Previously Presented). The tangible computer-readable medium of claim 6, wherein
the request further comprise a server platform identifier to identify the server platform.

Claim 8 (Canceled).

9 (Previously Presented). The tangible computer-readable medium of claim 6, wherein
the plurality of instructions further result in the client platform:

 receiving a feedback for the input/output operation from the server platform through
the network, the feedback comprising a virtual machine identifier to identify the virtual machine in
the client platform that is executing the input/output operation; and

 sending the feedback to the virtual machine identified by the virtual machine
identifier.

10 (Previously Presented). The tangible computer-readable medium of claim 6, wherein
the plurality of instructions further result in the client platform:

 receiving an interrupt instruction issued by a device module from the plurality of
devices modules in the server platform through the network, the interrupt instruction comprising a
virtual machine identifier to identify a virtual machine to perform the interrupt instruction;

 injecting the interrupt instruction to the virtual machine identified by the virtual
machine identifier.

Claims 11-25 (Canceled).

26 (Currently Amended). A system, comprising

- a client platform comprising:
 - a plurality of virtual machines; and
 - a virtual machine monitor to determine that an input/output operation related to an input/output device happens during execution of an application on a virtual machine of the plurality of virtual machines and construct a request for the input/output operation;
- a client network interface to send the request through a network; and
- ~~the server platform comprising:~~
 - ~~a server network interface to receive the request through the network;~~
 - ~~a plurality of device modules;~~
 - ~~a controller to identify a device module from the plurality of device modules to handle the request, the identified device module is a virtual device corresponding to the input/output device.~~

said client platform to recognize an input/output operation involving an input/output device not available on a client platform and request a server platform to handle the operation by specifying a device model the server platform should use to handle the input/output operation using an input/output device on the server platform.

27 (Previously Presented). The system of claim 26, wherein the request further comprises a device module identifier to identifier the device module in the server platform.

28 (Previously Presented). The system of claim 26, wherein

- the identified device module in the server platform is further to obtain a result for the input/output operation, and construct a feedback with the result and a virtual machine identifier to identify the virtual machine in the client platform under control from the controller, and
- the server network interface is further to send the feedback to the client platform through the network.

29 (Previously Presented). The system of claim 26, wherein

the client network interface is further to receive a feedback for the input/output operation from the server platform through the network; and

the virtual machine monitor is further to identify the virtual machine in the client platform that is executing the input/output operation based upon the feedback and send the feedback to the identified virtual machine.

Claim 30 (Canceled).

31 (Currently Amended). The system of claim ~~[[30]]~~ 26, wherein

the client network interface is further to receive the interrupt instruction; and

the virtual machine monitor is further to identify the another virtual machine from the plurality of virtual machines based upon the interrupt instruction and inject the interrupt into the identified another virtual machine.

Claims 32-39 (Canceled).

40 (New). A method comprising:

recognizing an input/output operation involving an input/output device not available on a client platform; and

requesting a server platform to handle the operation by specifying a device model the server platform should use to handle the input/output operation using an input/output device on the server platform.

41 (New). A tangible computer-readable medium comprising a plurality of instructions which when executed result in a client platform:

recognizing an input/output operation involving an input/output device not available on a client platform; and

requesting a server platform to handle the operation by specifying a device model the server platform should use to handle the input/output operation using an input/output device on the server platform.